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Craig A. Summerfield, Reg. No. 37,947

2/23/00
Date of Signature

PATENT
CASE NO. 5050/651

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE REISSUE APPLICATION OF:)
PATENTEE: John W. Eaton et al.)
PATENT NO.: 5,876,345)
ISSUE DATE: March 2, 1999)
TITLE: ULTRASONIC CATHETER, SYSTEM AND)
METHOD FOR TOW DIMENSIONAL IMAGING)
OR THREE-DIMENSIONAL RECONSTRUCTION)

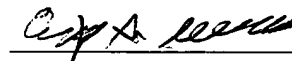
INFORMATION DISCLOSURE STATEMENT

Applicants have enclosed a form PTO-1449. These references were not previously of record. Applicants request that the references listed in the form PTO-1449 be reviewed and made of record with the previously submitted references.

New claims 76-79 depend from issued claim 1. Claim 1 was issued over U.S. Patent No. 5,471,988 (the '988 patent). The '988 patent was made of record in this '345 patent, but was further discussed in U.S. Application Serial No. 08/807,384 (the '384 application), based on a rejection by the Examiner. This '384 application is directed to an ultrasound probe, such as an endocavity transducer. The '988 patent is directed to a probe which is inserted into a body cavity, such as a transducer incorporated on an endoscope. Conversely, claim 1 of the above

captioned '345 patent is directed to a catheter. New claims 76-79 further define attributes of the catheter over the probe disclosed in the '988 patent.

Respectfully submitted,



Craig A. Summerfield
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Attorney for Applicant

FORM PTO-1449	PATENT NO. 5,876,345	CASE NO. 5050/65
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE (reissue herewith)	GROUP ART UNIT Unassigned
(use several sheets if necessary)	APPLICANT(S): John W. Eaton et al.	

PTO
 09/512593
 02/23/00

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS	FILING DATE
	A1	3,888,238	06/10/1975	Meindl et al.		
	A2	4,219,811	08/26/1980	Herman et al.		
	A3	4,244,026	01/06/1981	Dickey, Jr.		
	A4	4,972,199	11/20/1990	Raghavan et al.		
	A5	5,064,290	11/12/1991	McMurtry et al.		
	A6	5,123,415	06/23/1992	Daiple		
	A7	5,158,071	10/27/1992	Umemura et al.		
	A8	5,215,093	06/01/1993	Miyazuki et al.		
	A9	5,285,788	02/15/1994	Arenson et al.		
	A10	5,320,105	06/1994	Bonnefous et al.		
	A11	5,343,867	09/06/1994	Shankar		
	A12	5,349,262	09/20/1994	Grenon et al.		
	A13	5,379,642	01/10/1995	Reckwerdt et al.		
	A14	5,381,067	01/10/1995	Greenstein et al.		
	A15	5,402,793	04/1995	Gruner et al.		
	A16	5,435,311	07/25/1995	Umemura et al.		
	A17	5,474,073	12/1995	Schwartz et al.		
	A18	5,515,853	05/14/1996	Smith et al.		
	A19	5,531,224	07/02/1996	Ellis et al.		
	A20	5,568,813	10/29/1996	Dietrich et al.		
	A21	5,575,290	11/19/1996	Teo et al.		
	A22	5,612,713	03/18/1997	Bhuva et al.		
	A23	5,655,535	08/12/1997	Friemel et al.		
	A24	5,724,976	03/10/1998	Mine et al.		
	A25	5,735,281	04/07/1998	Rafter et al.		
	A26	5,771,896	06/30/1998	Sliwa, Jr. et al.		
	A27	5,797,849	08/25/1998	Veseig et al.		
	A28	5,891,039	04/06/1999	Bonnefous et al.		
	A29	5,899,861	05/04/1999	Friemel et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES NO	
	A30	WO 97/00482	01/1997	PCT		x	
EXAMINER			DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	PATENT NO. 5,876,345	CASE NO. 5050/651
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APPLICANT(S): John W. Eaton et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO
	A31	WO 98/25509	06/18/1998	PCT	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A32	"The Next Generation: New Bi-plane and End-Array Transducers with Color Doppler Capabilities" <i>B&K Medical Product Brochure</i> , (date unknown) two pages
	A33	Detmer, Paul R. et al. "3D Ultrasonic Image Feature Localization Based on Magnetic Scanhead Tracking: In Vitro Calibration and Validation" <i>Ultrasound in Med. & Biol.</i> , 1994, Vol. 20, No. 9, pp. 923-936
	A34	Leotta, Daniel F. et al. "Three-Dimensional Ultrasound Imaging Using Multiple Magnetic Tracking Systems and Miniature Magnetic Sensors"
	A35	Ramamurthy, Bhaskar S. et al., "Potential and Limitations of Angle-Independent Flow Detection Algorithms Using Radio-Frequency and Detected Echo Signals" <i>Ultrasonic Imaging</i> 1991, vol. 13, pages 252-268

EXAMINER	DATE CONSIDERED
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